

Author Index

- Abe, A., *see* Kajikawa, H. et al.
Abe, H., *see* Kajikawa, H. et al.
Akin, D.E., Borneman, W.S. and Lyon, C.E. (Athens, GA, U.S.A.)
 Degradation of leaf blades and stems by monocentric and polycentric isolates of
 ruminal fungi 205
Amato, S.V., *see* Damron, B.L. et al.
Babatunde, G.M. (Ibadan, Nigeria) and Pond, W.G. (Clay Center, NE, U.S.A.)
 Nutritive value of Nigerian rubber seed (*Hevea brasiliensis*) meal and oil. IV. Effects
 of graded levels of rubber seed meal and oil on energy and nitrogen utilization by
 growing rats 313
Baraniak, B. (Lublin, Poland)
 The effect of flocculant applied in the process of fractionating alfalfa juice on the
 chemical composition of the obtained protein concentrates 305
Benoff, F.H., *see* Damron, B.L. et al.
Bersch, S., *see* Kratzer, F.H. et al.
Bogaert, C., *see* Gomez, L. et al.
Bogusz, G., *see* Matyka, S. et al.
Borneman, W.S., *see* Akin, D.E. et al.
Brosh, A., *see* Silanikove, N. et al.
Caro, M.R., Zamora, E., León, L., Cuello, F., Salinas, J., Megias, D., Cubero, M.J. and
 Contreras, A. (Murcia, Spain)
 Isolation and identification of *Listeria monocytogenes* in vegetable byproduct silages
 containing preservative additives and destined for animal feeding 285
Castanon, J.I.R., Ortiz V. and Perez-Lanzac, J. (Córdoba, Spain)
 Effect of high inclusion levels of triticale in diets for laying hens containing 30% field
 beans 349
Cherney, D.J.R., Mertens, D.R. (Madison, WI, U.S.A.) and Moore, J.E. (Gainesville, FL,
 U.S.A.)
 Morphology, fiber composition and mean particle diameter relationships in ground
 barley and oat forages at different ages 65
Collins, M., *see* Henning, J.C. et al.
Combs, G.E., *see* Myer, R.O. et al.
Conner, M.C., *see* Deetz, L.E. et al.
Contreras, A., *see* Caro, M.R. et al.
Cubero, M.J., *see* Caro, M.R. et al.
Cuello, F., *see* Caro, M.R. et al.
Damron, B.L. (Gainesville, FL, U.S.A.), Amato, S.V. (Atlanta, GA, U.S.A.) and Benoff,
 F.H. (Athens, GA, U.S.A.)
 Marigold extracts and maize gluten meal as broiler pigment sources in maize and
 wheat-based diets 79
De Blas, C. and Villamide, M.J. (Madrid, Spain)
 Nutritive value of beet and citrus pulps for rabbits 239
Deetz, L.E., Conner, M.C., Rogers, J.A., Papas, A.M. and Richardson, C.R. (Lubbock,
 TX, U.S.A.)
 Performance of steers fed combinations of calcium salts of branched and unbranched
 fatty acids 293

- Demeyer, D.I., *see* van Nevel, C.J. and Demeyer, D.I.
- Dim, N.I., *see* Iwuanyanwu, I.E.J. et al.
- Dougherty, C.T., *see* Henning, J.C. et al.
- Economides, S., Koumas, A., Georgiades, E. and Hadjipanayiotou, M. (Nicosia, Cyprus)
The effect of barley-sorghum grain processing and form of concentrate mixture on the performance of lambs, kids and calves 105
- Ernst, R.A., *see* Kratzer, F.H. et al.
- Georgiades, E., *see* Economides, S. et al.
- Givens, D.I., *see* Moss, A.R. and Givens, D.I.
- Gomez, L., Jouany, J.P., Hillaire, M.C. (Ceyrat, France) and Bogaert, C. (Aubière, France)
Effect of a new ionophore antibiotic, abierixin, on the digestion of a roughage-based diet measured in sheep; comparison with results obtained in Rusitec 29
- Hadjipanayiotou, M., *see* Economides, S.
- Hall, J.W., *see* Mir, P.S. et al.
- Henning, J.C., Dougherty, C.T., O'Leary, J. and Collins, M. (Lexington, KY, U.S.A.)
Urea for preservation of moist hay 193
- Hermansen, J.E. (Tjele, Denmark)
Feed intake and milk yield using an ensiled mixture of whole crop beets and straw compared with traditionally stored beets for dairy cows 231
- Hillaire, M.C., *see* Gomez, L. et al.
- Holzer, Z., *see* Silanikove, N. et al.
- Iwuanyanwu, I.E.J., Umunna, N.N. and Dim, N.I. (Zaria, Nigeria)
Effects of urea supplement with or without molasses on the intake, digestibility and liveweight changes of beef heifers fed native hay 277
- Jaster, E.H. and Moore, K.J. (Urbana, IL, U.S.A.)
Quality and fermentation of enzyme-treated alfalfa silages at three moisture concentrations 261
- Johnson, D.D., *see* Myer, R.O. et al.
- Jonsson, A., Lindberg, H., Sundås, S., Lingvall, P. and Lindgren, S. (Uppsala, Sweden)
Effect of additives on the quality of big-bale silage 139
- Jouany, J.P., *see* Gomez, L. et al.
- Kajikawa, H., Odai, M., Saitoh, M., Takahashi, T., Tano, R., Abe, H. and Abe, A. (Ibaraki, Japan)
Effects of sugar-beet pulp on ruminal and lactation performances of cows having different rumen fermentation patterns 91
- Korol, W., *see* Matyka, S. et al.
- Koumas, A., *see* Economides, S. et al.
- Kratzer, F.H., Bersch, S., Vohra, P. and Ernst, R.A. (Davis, CA, U.S.A.)
Chemical and biological evaluation of soya-bean flakes autoclaved for different durations 247
- Lechner-Doll, M., *see* Rutagwenda, T. et al.
- León, L., *see* Caro, M.R. et al.
- Levy, D., *see* Silanikove, N. et al.
- Lindberg, H., *see* Jonsson, A. et al.
- Lindgren, S., *see* Jonsson, A. et al.
- Lingvall, P., *see* Jonsson, A. et al.
- Lyon, C.E., *see* Akin, D.E. et al.
- Matyka, S., Korol, W. and Bogusz, G. (Lublin, Poland)
The retention of phytin phosphorus from diets with fat supplements in broiler chicks ... 223

- McAllan, A.B., *see* Merry, R.J. et al.
- Megias, D., *see* Caro, M.R. et al.
- Mero, R.N. (Mpwapwa, Tanzania) and Udén, P. (Uppsala, Sweden)
Effect of supplementing mature grass hay with dried *Leucaena* leaves on organic matter digestibility and voluntary intake by sheep 1
- Merry, R.J., McAllan, A.B. and Smith, R.H. (Maidenhead, Gt. Britain)
In vitro continuous culture studies on the effect of nitrogen source on rumen microbial growth and fibre digestion 55
- Mertens, D.R., *see* Cherney, D.J.R. et al.
- Mir, P.S., Mir, Z. (Kamloops, B.C., Canada) and Hall, J.W. (Vancouver, B.C., Canada)
Physical characteristics of feeds and their relation to nutrient components and dry matter disappearance in sacco 17
- Mir, Z., *see* Mir, P.S. et al.
- Moore, J.E., *see* Cherney, D.J.R. et al.
- Moore, K.J., *see* Jaster, E.H. and Moore, K.J.
- Mosenthin, R., *see* Sauer, W.C. et al.
- Moss, A.R. and Givens, D.I. (Stratford-upon-Avon, Gt. Britain)
Chemical composition and in vitro digestion to predict digestibility of field cured and barn-cured grass hays 125
- Myer, R.O., Johnson, D.D., Otwell, W.S., Walker, W.R. and Combs, G.E. (Marianna, FL, U.S.A.)
Evaluation of scallop viscera silage as a high-protein feedstuff for growing-finishing swine 43
- O'Leary, J., *see* Henning, J.C. et al.
- Odai, M., *see* Kajikawa, H. et al.
- Ortiz, V., *see* Castanon, J.I.R. et al.
- Otwell, W.S., *see* Meyer, R.O. et al.
- Papas, A.M., *see* Deetz, L.E. et al.
- Perez-Lanzac, J., *see* Castanon, J.I.R. et al.
- Pierce, A.B., *see* Sauer, W.C. et al.
- Pond, W.G., *see* Babatunde, G.M. and Pond, W.G.
- Reddy, S.M., *see* Surekha, M. and Reddy, S.M.
- Richardson, C.R., *see* Deetz, L.E. et al.
- Rogers, J.A., *see* Deetz, L.E. et al.
- Rutagwenda, T., Lechner-Doll, M., von Engelhardt, W. (Hannover, F.R.G.), Schwartz, H.J. (Berlin, F.R.G.) and Schultka, W. (Giessen, F.R.G.)
Dietary preference and degradability of forage on a semiarid thornbush savannah by indigenous ruminants, camels and donkeys 179
- Saitoh, M., *see* Kajikawa, H. et al.
- Salinas, J., *see* Caro, M.R. et al.
- Sauer, W.C., Pierce, A.B. (Edmonton, Alta., Canada) and Mosenthin, R. (Kiel, F.R.G.)
The utilization of pelleted, extruded, and extruded and repelleted diets by early weaned pigs 269
- Schultka, W., *see* Rutagwenda, T. et al.
- Schwartz, H.J., *see* Rutagwenda, T. et al.
- Silanikove, N. (Qiryat-Shemona, Israel), Brosh, A., Holzer, Z. and Levy, D. (Haifa, Israel)
Urea treatment of green panic: effect on in vivo digestibility and on digesta mean retention time 117
- Smith, R.H., *see* Merry, R.J. et al.
- Sundås, S., *see* Jonsson, A. et al.
- Surekha, M. and Reddy, S.M. (Warangal, India)
Succession of mycoflora on groundnut fodder 167

- Takahashi, T., *see* Kajikawa, H. et al.
 Tano, R., *see* Kajikawa, H. et al.
 Udén, P., *see* Mero, R.N. and Udén, P.
 Ueberschar, K.H., *see* Wang, P. -X. and Ueberschar, K.H.
 Umunna, N.N., *see* Iwuanyanwu, I.E.J. et al.
 Van Nevel, C.J. (Melle, Belgium) and Demeyer, D.I. (Brussels, Belgium)
 Effect of antibiotics, a deaminase inhibitor and Sarsaponin on nitrogen metabolism of
 rumen contents in vitro 323
 Villamide, M.J., *see* de Blas, C. and Villamide, M.J.
 Vohra, P., *see* Kratzer, F.H. et al.
 Von Engelhardt, W., *see* Rutagwenda, T. et al.
 Walker, W.R., *see* Myer, R.O. et al.
 Wang, P.-X. (Wuhan, China) and Ueberschar, K.H. (Celle, F.R.G.)
 The estimation of vicine, convicine and condensed tannins in 22 varieties of fababeans
 (*Vicia faba* L.) 157
 Wiseman, J. (Loughborough, Gt. Britain)
 Influence of emulsification on the apparent metabolisable energy of two dry fats given
 to broiler chicks of increasing age 9
 Zamora, E., *see* Caro, M.R. et al.